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AMENDMENT TRANSMITTAL LETTER			Docket No. SION-P01-001
Application No. 10/821812	Filing Date April 8, 2004	Examiner Not Yet Assigned	Art Unit 2881

Applicant(s): Miller et al.

Invention: EXPLOSIVES DETECTION USING DIFFERENTIAL ION MOBILITY SPECTROMETRY

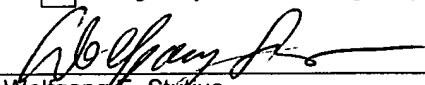
TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	32	- 32 =		x	0.00
Independent Claims	5	- 5 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
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Wolfgang E. Stutius
Attorney Reg. No.: 40,256

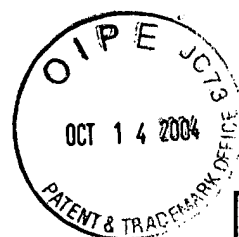
Dated: October 12, 2004

ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110-2624
(617) 951-7973

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Dated: October 12, 2004 Signature:  (Judith A. Herrick)



PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/821812	
	Filing Date	April 8, 2004	
	First Named Inventor	Raanan A. Miller	
	Art Unit	2881	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	4	Attorney Docket Number	SION-P01-001

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	ROPES & GRAY LLP Wolfgang E. Stutius - 40,256
Signature	
Date	October 12, 2004

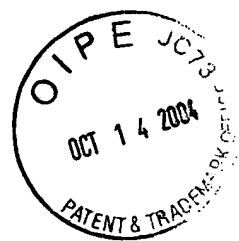
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(Judith A. Herrick)

Docket No.: SION-P01-001
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Miller et al.

Confirmation No.: 9060

Application No.: 10/821812

Art Unit: 2881

Filed: April 8, 2004

Examiner: Not Yet Assigned

For: EXPLOSIVES DETECTION USING
DIFFERENTIAL ION MOBILITY
SPECTROMETRY

SECOND PRELIMINARY AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.